

**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ATTORNEY DOCKET NO.: 051633-5001

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND SYSTEM FOR OPERATION OF A RESILIENT CLOSED COMMUNICATION NETWORK  
WITHOUT A DEDICATED PROTECTION NETWORK SEGMENT**

the specification of which:

is attached hereto; or

was filed as United States application Serial No. \_\_\_\_\_ on \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable); or

was filed as PCT international application Number \_\_\_\_\_ on \_\_\_\_\_ and was amended under PCT Article 19  
on \_\_\_\_\_ (if applicable).I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended  
by any amendment referred to above.I acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of  
claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56.I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for  
patent or inventor's certificate or §365(a) of any PCT international application(s) designating at least one country other than the  
United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or  
any PCT international application(s) designating at least one country other than the United States of America filed by me on the same  
subject matter having a filing date before that of the application(s) of which priority is claimed:**PRIOR FOREIGN APPLICATION(S):**

COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

00100-5222500

**Combined Declaration For Patent Application and Power of Attorney - (Continued)**  
(includes Reference to PCT International Applications)

ATTORNEY DOCKET NO.: 051633-5001

I hereby claim the benefits under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

**U.S. PROVISIONAL APPLICATIONS**

U.S. PROVISIONAL APPLICATION NO.	U.S. FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or §365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT:**

U.S. APPLICATIONS		STATUS (Check One)		
U.S. APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

Customer Number: 009629

Direct Telephone Calls To:  
(name and telephone number)

NAOMI ABE VOEGTLI  
202-467-7798

**Combined Declaration For Patent Application and Power of Attorney - (Continued)**  
**(includes Reference to PCT International Applications)**

ATTORNEY DOCKET NO.: 051633-5001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	Noriaki Hashimoto	
RESIDENCE & CITIZENSHIP	Kawaguchi-shi, Saitama-ken, Japan	COUNTRY OF CITIZENSHIP Japan
POST OFFICE ADDRESS	2231-3 Angyoryo, Negishi, Kawaguchi-shi, Saitama-ken 333-0834, Japan	
FIRST OR SOLE INVENTOR'S SIGNATURE	橋本典明	DATE 7th/March/2006
FULL NAME OF SECOND INVENTOR		
RESIDENCE & CITIZENSHIP		COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS		
SECOND INVENTOR'S SIGNATURE		DATE
FULL NAME OF THIRD INVENTOR		
RESIDENCE & CITIZENSHIP		COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS		
THIRD INVENTOR'S SIGNATURE		DATE

Listing of Inventors Continued on attached page(s)      ☐ Yes      ☒ No

**STATEMENT CLAIMING SMALL ENTITY STATUS**  
**37 C.F.R. §§1.9(f) and 1.27(b)-INDEPENDENT INVENTOR(S)**

Applicant or Patentee: Noriaki HASHIMOTO

Application or Patent No.: Unassigned

Filed or Issued: March 6, 2000

Title: **METHOD AND SYSTEM FOR OPERATION OF A RESILIENT CLOSED COMMUNICATION NETWORK WITHOUT A DEDICATED PROTECTION NETWORK SEGMENT**

As below named inventor(s), I/WE hereby declare that I/WE qualify as independent inventor(s) as defined in 37 C.F.R. §1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office with regard to the invention entitled **METHOD AND SYSTEM FOR OPERATION OF A RESILIENT CLOSED COMMUNICATION NETWORK WITHOUT A DEDICATED PROTECTION NETWORK SEGMENT**

described in

☒ [X] the specification filed herewith with the title as listed above.

☐ [ ] the application identified above.

☐ [ ] the patent identified above.

I/We have not assigned, granted, conveyed or licensed, and are under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 C.F.R. §1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 C.F.R. §1.9(d) or a nonprofit organization under 37 C.F.R. §1.9(e).

Each person, concern or organization to which I/WE have assigned, granted, conveyed, or licensed or are under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

☒ [X] No such person, concern, or organization exists.

☐ [ ] Each such person, concern or organization is listed below.

NAME:		
ADDRESS:		
<input type="checkbox"/> [ ] INDIVIDUAL	<input type="checkbox"/> [ ] SMALL BUSINESS CONCERN	<input type="checkbox"/> [ ] NON PROFIT ORGANIZATION

I/WE acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. §1.28(b)).

Name of Inventor Noriaki Hashimoto	Signature of Inventor 橋本典明	Date 4th/March/2000
Name of Inventor	Signature of Inventor	Date